

**QP CODE: 305008**

**Reg. No.....**

**Third B.Pharm (Ayurveda) Degree Examinations, October 2017  
Pharmacology I**

**Time : 3 Hours**

**Total Marks:100**

- **Answer all questions**

**Essays:** (2x10=20)

1. Enumerate various routes of administration of drugs with example. Mention the advantages and disadvantages of oral and intravenous route. (6+2+2=10)
2. Classify cholinergic drugs with examples. Explain the pharmacological actions of acetylcholine and mention its uses & side effects. (4+3+2+1=10)

**Short notes:** (10x5=50)

3. Therapeutic gases.
4. Oral contraceptive pills.
5. Drug antagonism.
6. Tocolytics.
7. Toxicity studies in drug development process.
8. Principle and applications of radioimmunoassay.
9. Pharmacology of alpha blockers.
10. Process involved in transport of drug across the biological membrane.
11. Mechanism of action, symptoms and management of carbon monoxide poisoning.
12. Source and clinical utility of L-asparaginase.

**Answer briefly:** (10x3=30)

13. Enkephalins.
14. Chelation therapy.
15. Mechanism of action and uses of propranolol.
16. Hyper sensitivity reactions.
17. Classify neuromuscular blockers.
18. Tolerance.
19. Pharmacology of ergometrine.
20. Indicators of bioassay.
21. Mucolytics.
22. Mydriatics and miotics.

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